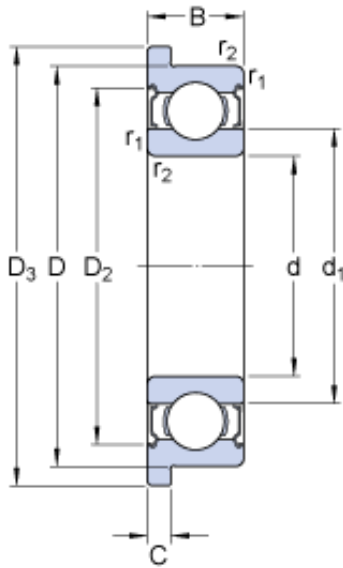




# USK BEARING COMPANY



## 2.5 mm x 6 mm x 2.6 mm skf W 638/2.5 R-2Z Deep groove ball bearings

Bearing No. W 638/2.5 R-2Z

W 638/2.5 R-2Z Bearing 2D drawings and 3D CAD models

Size	6x2.5x2.6 mm
Bore Diameter	6 mm
Outer Diameter	2,5 mm
Width	2,6 mm
d	2.5 mm
D	6 mm
B	2.6 mm
d <sub>1</sub>	3.7 mm
D <sub>2</sub>	5.4 mm
D <sub>3</sub>	7.1 mm
C	0.8 mm
r <sub>1,2</sub> - min.	0.08 mm
d <sub>a</sub> - min.	3.02 mm
r <sub>a</sub> - max.	0.08 mm
Basic dynamic load rating - C	0.117 kN
Basic static load rating - C <sub>0</sub>	0.036 kN
Fatigue load limit - P <sub>u</sub>	0.002 kN
Reference speed	170000 r/min
Limiting speed	85000 r/min
Calculation factor - k <sub>r</sub>	0.02
Calculation factor - f <sub>0</sub>	7.1
d <sub>1</sub>	3.7 mm
D <sub>2</sub>	5.4 mm
D <sub>3</sub>	7.1 mm



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$r_{1,2}$ min.	0.08 mm
$d_a$ min.	3.1 mm
$d_a$ max.	3.6 mm
$r_a$ max.	0.08 mm
Basic dynamic load rating C	0.117 kN
Basic static load rating $C_0$	0.036 kN
Fatigue load limit $P_u$	0.002 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	7.1
Mass bearing	0.0004 kg